

營XPRESS MAIL NO.: EL 984584263 US DATE DEPOSITED: JANUARY 15, 2004

PATENT

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

| Applicant: | Kropp et al. |) Atty. Dkt. No. 5820.639 |
|-------------|---------------|---------------------------|
| Serial No.: | 10/631,168 |) |
| Filed: | July 31, 2003 |) |

For: URINARY TRACT TISSUE GRAFT COMPOSITIONS AND METHODS FOR

PRODUCING SAME

Mail Stop - IDS Commissioner for Patents P.O. Box 1450, Alexandria, VA 22313-1450

INFORMATION DISCLOSURE STATEMENT

List of Sections Forming Part of This Information Disclosure Statement

The following sections are being submitted for this Information Disclosure Statement:

- 1. [X] Preliminary Statements
- [X] FORM PTO/SB/08A AND 08B (formerly Form PTO-1449)
- 3. **[X]** Copies of Listed Information Items Accompanying this Statement
- 4. [X] Identification of Person(s) Making this Information Disclosure Statement

Section 1. Preliminary Statements

Applicants submit herewith patents, publications or other information of which they are aware, which they believe may be material to the examination of this application and in respect of which there may be a duty to disclose.

The filing of this information disclosure statement shall not be construed as a representation that a search has been made (37 C.F.R. § 1.97(g)), an admission that the information cited is, or is considered to be, material to patentability or that no other material information exists.

The filing of this information disclosure statement shall not be construed as an admission against interest in any manner. Notice of January 9, 1992, 1135 O.G. 13-25, at 25.

Section 2. FORM PTO/SB/08A AND 08B (Modified)

- [X] A completed Form PTO/SB/08A and/or 08B is attached hereto.
- [] No Form PTO/SB/08A and/or 08B is attached.

Section 3. Copies of Listed Information Items Accompanying this Statement.

Legible copies of all items listed in FORM PTO/SB/08A AND 08B (Modified) accompany this information disclosure statement.

- [] Exception(s) to above:
 - [] Items in prior application from which an earlier filing date is claimed for this application, as identified in Section 3.

Section 4. Identification of Person(s) Making this INFORMATION DISCLOSURE STATEMENT

The person making this statement is the attorney who signs below on the basis of the information:

- [] supplied by the inventor(s)
- [] supplied by an individual associated with the filing and prosecution of this application (37 C.F.R. § 1.56(c)).
- [X] in the attorney/agent's file

Respectfully submitted,

Kathryn L. Hester, Ph.D.

Reg. No. 46,768

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Agent for Applicants

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01/15/2004

PTC/SB/08A (08-00)
Approved for use through 10/31/2002. OMB 0651-0031
U.S. Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE

Date Deposited: JAN 1 5 2004

Substitute for form 1449A/PTO

INFORMATION DISCLOSURE STATEMENT BY APPLICANT

(use as many sheets as necessary)

Sheet of 2

| Complete if Known | | | |
|-----------------------|------------------|--|--|
| Application Number | 10/631,168 | | |
| Filing Date | 07/31/2003 | | |
| First Named Inventor | Bradley P. Kropp | | |
| Group Art Unit | 1615 | | |
| Examiner Name | Not Yet Assigned | | |
| Attomey Docket Number | 5820.639 | | |

| | | | | U.S. PATENT DOCU | JMENTS | |
|-----------------------|--------------|----------------------|---|---|--|--|
| Examiner Initials* | Cite No.1 | U.S. Paten Number | t Document Kind Code ² (if known) | Name of Patentee or Applicant of Cited Document | Date of Publication of Cited Document MM-DD-YYYY | Pages, Columns, Lines, Where Relevant Passages or Relevant |
| | AA | 5,695,998 | (II KIIOWII) | Badylak, et al. | 12/09/1997 | Figures Appear |
| | AB | 5,866,414 | | Badylak, et al. | 02/02/1999 | |
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|---------------|------|--|----------------------------------|---------------------|--|--|--|----|
| Examiner Cite | F | oreign Patent Do | cument Kind Code ⁵ | Name of Patentee or | Date of Publication of Cited Document | Pages, Columns, Lines, Where Relevant | | |
| Initials* | No.1 | Office ³ | Number ⁴ | (if known) | Applicant of Cited Document | MM-DD-YYYY | Passages or Relevant Figures Appear | Tβ |
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| Examiner | Date | |
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| Signature | Considered | • |
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^{*}EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

¹ Unique citation designation number. 2 See attached Kinds of U.S. Patent Documents. 3 Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). 4 For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. 5 Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. ⁶ Applicant is to place a check mark here if English language Translation is attached.

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U. S. Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE

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Substitute for form 1449B/PTO

INFORMATION DISCLOSURE STATEMENT BY APPLICANT

(use as many sheets as necessary)

Sheet 2 of 2

| C mpl te if Kn wn | | | | |
|------------------------|------------------|---|--|--|
| Application Number | 10/631,168 | | | |
| Filing Date | 07/31/2003 | | | |
| First Named Inventor | Bradley P. Kropp | | | |
| Group Art Unit | 1615 | | | |
| Examiner Name | Not Yet Assigned | - | | |
| Attorney Docket Number | 5820.639 | | | |

| | OTHER PRIOR ART - NON PATENT LITERATURE DOCUMENTS | | | | | |
|-----------------------|---|---|----|--|--|--|
| Examiner Initials* | Cite No.1 | Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published. | T2 | | | |
| | AC | ZHANG ET AL.; "'Co-Culture' of Bladder Smooth Muscle And Urothelial Cells On Small Intestinal Submococa (sis): Evaluation Of The Best Culture Method For In Vitro Tissue Engineering Techniques"; Pediatrics Journal Supp: Sept., 1999:807-808 | | | | |
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| Examiner | · · | Date | |
| Signature | | Considered | |

^{*}EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

¹ Unique citation designation number. ² Applicant is to place a check mark here if English language Translation is attached.

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PTO/SB/21 (08-00) Approved for use through 10/31/2002. OMB 0651-0031 U.S. Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE

TRANSMITTAL FORM

(to be used for all correspondence after initial filing)

Total Number of Pages in This Submission

10/631,168 **Application Number** 07/31/2003 **Filing Date First Named Inventor** Bradley Kropp, et al. Group Art Unit 1615 Not Yet Assigned **Examiner Name \$**5820.639 Attorney Docket Number

01/15/2004

Date

| | | ENCLOSURES (check all that apply) | | |
|---|---------------------------------|---|--|--|
| X Fee Transmittal Fo | m | Assignment Papers After Allowance Communication to Group | | |
| Fee Attache | ed | Drawing(s) Appeal Communication to Board of Appeals and Interferences | | |
| Amendment / Rep | ly | Licensing-related Papers Appeal Communication to Group (Appeal Notice, Brief, Reply Brief) | | |
| After Final | | Petition Proprietary Information | | |
| Affidavits/de | eclaration(s) | Petition to Convert to a Provisional Application Status Letter | | |
| Extension of Time I | Request | Power of Attorney, Revocation Change of Correspondence Address Other Enclosure(s) (please identify below): | | |
| Express Abandonment Request X Information Disclosure Statement | | Terminal Disclaimer Request for Refund See remarks below: | | |
| | | CD, Number of CD(s) | | |
| Certified Copy of P Document(s) | riority | Remarks | | |
| Response to Missir | | 1. Transmittal Form (1 page); | | |
| Incomplete Applica | | Fee Transmital († page); Information Disclosure Statement (3 pages); Information Disclosure Statement by Applicant (2 pages); | | |
| | Missing Parts R 1.52 or 1.53 | Cited Material; and Postcard. | | |
| | | | | |
| | SIGNATU | URE OF APPLICANT, ATTORNEY, OR AGENT | | |
| Firm | DUNLAP, CODE | DING & ROGERS, P.C., Customer Number 30589 | | |
| or | | . Hester, Ph.D., P. O. Box 16370, Oklahoma City, Oklahoma 73113 | | |
| Signature | denuelle | - | | |
| Date | 1-15-04 | | | |
| | | CERTIFICATE OF MAILING | | |

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Kathryn L. Hester, Ph.D., Reg. No. 46,768

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mail no. EL 984584263 US

Signature

Typed or printed name

Alexandria, VA 22313-1450

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PTO/SB/17 (10-03)

Approved for use through 07/31/2006. OMB 0651-0032

U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

FEE TRANSMITTAL for FY 2004

Patent fees are subject to annual revision.

Applicant claims small entity status. See 37 CFR 1.27

TOTAL AMOUNT OF PAYMENT

(\$) O

| Complete if Known | | | |
|----------------------|--------------------------|--|--|
| Application Number | 10/631.168 | | |
| Filing Date | 07/31/2003 | | |
| First Named Inventor | Bradley P. Kropp, et al. | | |
| Examiner Name | Not Yet Assigned | | |
| Art Unit | 1615 | | |
| Attorney Docket No. | 5820.639 | | |

| METHOD OF PAYMENT (check all that apply) | FEE CALCULATION (continued) | | | |
|---|--|----------------|--|--|
| Check Credit card Money Other None | 3. ADDITIONAL FEES | | | |
| Order Order | Large Entity Small Entity | | | |
| Deposit Account 04-1700 | Fee Fee Fee Fee Code (\$) Fee Fee Fee Fee Fee Fee Fee Fee Fee Fe | e Paid | | |
| Number 04-1700 | 1051 130 2051 65 Surcharge - late filing fee or oath | <u>o i ala</u> | | |
| Deposit Account Name Customer No. 30589 | 1052 50 2052 25 Surcharge - late provisional filing fee or cover sheet | | | |
| The Commissioner is authorized to: (check all that apply) | 1053 130 1053 130 Non-English specification | | | |
| Charge fee(s) indicated below Credit any overpayments | 1812 2,520 1812 2,520 For filing a request for ex parte reexamination | | | |
| Charge any additional fee(s) during the pendency of this application | 1804 920* 1804 920* Requesting publication of SIR prior to Examiner action | | | |
| Charge fee(s) indicated below, except for the filing feether to the above-identified deposit account. | 1805 1,840* 1805 1,840* Requesting publication of SIR after Examiner action | | | |
| FEE CALCULATION | 1251 110 2251 55 Extension for reply within first month | | | |
| 1. BASIC FILING FEE | 1252 420 2252 210 Extension for reply within second month | | | |
| Large Entity Small Entity | 1253 950 2253 475 Extension for reply within third month | | | |
| Fee Fee Fee Fee Pee Paid Code (\$) Code (\$) | 1254 1,480 2254 740 Extension for reply within fourth month | | | |
| 1001 770 2001 385 Utility filing fee | 1255 2,010 2255 1,005 Extension for reply within fifth month | | | |
| 1002 340 2002 170 Design filing fee | 1401 330 2401 165 Notice of Appeal |] | | |
| 1003 530 2003 265 Plant filing fee | 1402 330 2402 165 Filing a brief in support of an appeal | | | |
| 1004 770 2004 385 Reissue filing fee | 1403 290 2403 145 Request for oral hearing | | | |
| 1005 160 2005 80 Provisional filing fee | 1451 1,510 1451 1,510 Petition to institute a public use proceeding | | | |
| SUBTOTAL (1) (\$) 0 | 1452 110 2452 55 Petition to revive - unavoidable | | | |
| 2. EXTRA CLAIM FEES FOR UTILITY AND REISSUE | 1453 1,330 2453 665 Petition to revive - unintentional | | | |
| Fee from | 1501 1,330 2501 665 Utility issue fee (or reissue) | | | |
| Extra Claims below Fee Paid Total Claims X = \$0 | The Bookst 100 | | | |
| Independent | 1503 640 2503 320 Plant issue fee | | | |
| Claims = 50 SO | 1460 130 1460 130 Petitions to the Commissioner | | | |
| | 1807 50 1807 50 Processing fee under 37 CFR 1.17(q) | | | |
| Large Entity Small Entity Fee Fee Fee Fee Description | 1806 180 1806 180 Submission of Information Disclosure Stmt | | | |
| Code (\$) | 8021 40 8021 40 Recording each patent assignment per property (times number of properties) | - | | |
| 1202 18 2202 9 Claims in excess of 20 1201 86 2201 43 Independent claims in excess of 3 | 1809 770 2809 385 Filing a submission after final rejection (37 CFR 1.129(a)) | | | |
| 1203 290 2203 145 Multiple dependent claim, if not paid | 1810 770 2810 385 For each additional invention to be | | | |
| 1204 86 2204 43 ** Reissue independent claims | examined (37 CFR 1.129(b)) | | | |
| over original patent | 1801 770 2801 385 Request for Continued Examination (RCE) | | | |
| 1205 18 2205 9 ** Reissue claims in excess of 20 and over original patent | 1802 900 1802 900 Request for expedited examination of a design application | | | |
| SUBTOTAL (2) (\$) 0 | Other fee (specify) | | | |
| **or number previously paid, if greater; For Reissues, see above | *Reduced by Basic Filing Fee Paid SUBTOTAL (3) (\$) 0 | _ | | |

SUBMITTED BY (Complete (if applicable) Registration No. (Attorney/Agent) Name (Print/Type) Kathryn L. Hester, Ph.D. 46,768 Telephone (405) 607-8600 Signature Date 01/15/2004